

using a bar 20 that has a flattened configuration when viewed from the side. The retainer members 34, 36, 44, 46 are preferably about 1 to 1 1/4 inch wide. The flat bar 20 is preferably about 2 1/2 inches wide and about 1/8 inch thick. The ends 30, 40 of the bar preferably extend about 1 inch beyond the outer diameter of the sidewall 14.

5        The present invention is also more efficient to manufacture than prior art timber pile connectors. Prior art timber pile connectors have used welding to secure the retainer member in the timber pile connector. With the configuration of the timber pile connector of the invention 1, welding is unnecessary, which eliminates an entire procedure and step from the manufacturing process.

10        Although the present invention has been described in terms of specific embodiments, it is anticipated that alterations and modifications thereof will no doubt become apparent to those skilled in the art. It is therefore intended that the following claims be interpreted as covering all alterations and modifications that fall within the true spirit and scope of the invention.